

2/1

FIGURE 1

locus	allelic designation _n	cys bp	loci	allelic designat ion	size bp)	loci	allelic designat ion	size bp)	loci	allelic designation _n	size bp)
TH01	4	150	D8	7	157	D18	8	266	FGA (LMW)	16.1	173
	5	154		8	161		9	270		17	176
	6	158		9	165		10	274		18	180
	7	162		10	169		11	278		19	184
	8	166		11	173		12	282		20	188
	9	170		12	177		13	286		21	192
	9.3	173		13	181		14	290		22	196
	10	174		14	185		15	294		23	200
	11	178		15	189		16	298		24	204
	13.3	189		16	193		17	302		25	208
D21	53	203		17	197		18	306		26	212
	54	205		18	201		19	310		27	216
	56	209		19	205		20	314		28	220
	57	211	VWA	10	122		21	318		29	224
	59	215		11	126		22	322		30	228
	61	219		12	130		23	326		30.2	230
	63	223		13	134	.	24	330		31.2	234
	65	227		14	138		25	334		32.2	238
	67	231		15	142		26	338		33.2	242

68	233	16	146	27	342	34.2	246
70	237	17	150	AMELO X	105	42.2	278
72	241	18	154	Y	111	42.3	282
74	245	19	158			44.2	286
75	247	20	162			45.2	290
77	251	21	166			46.2	294
79	255					47.2	298
81	259					48.2	302
						50.2	310

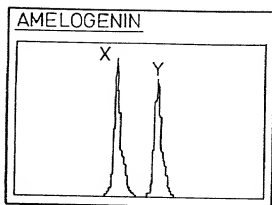


FIG. 2a

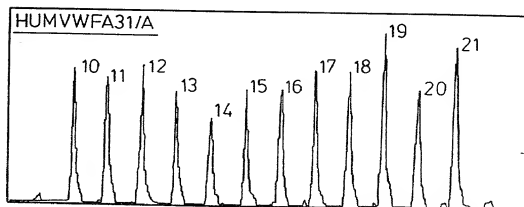


FIG. 2b

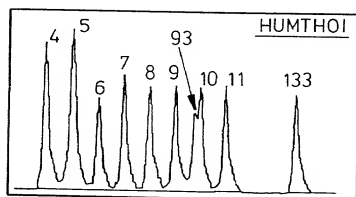


FIG. 2c

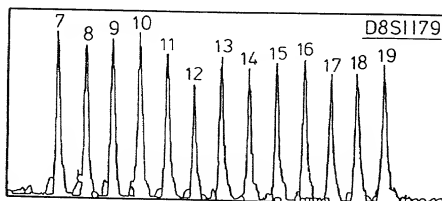


FIG. 2d

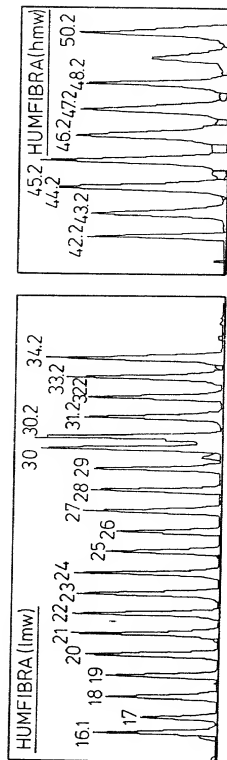


FIG. 2e

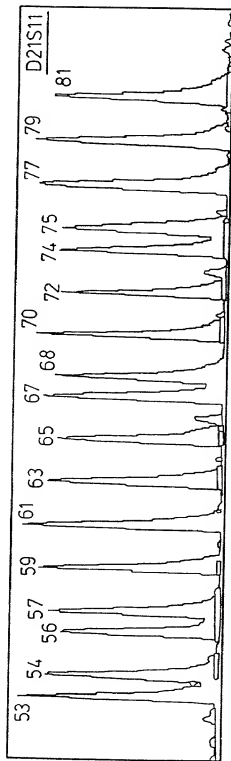


FIG. 2f

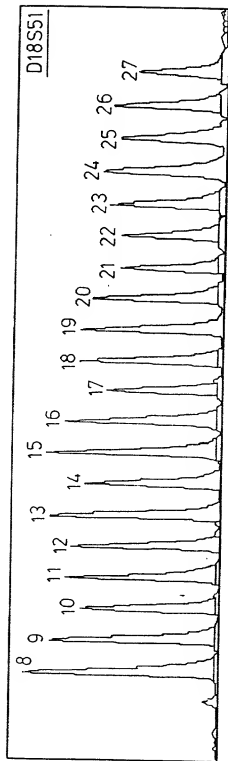


FIG. 2g

HUMVWAF31/A sequences

FIG. 3A

10 TCTA TCTG TCTA (TCTG)₄ (TCTA)₃12 TCTA (TCTG)₄ (TCTA)₇13 (TCTA)₂ (TCTG)₄ (TCTA)₃ TCCA (TCTA)₃ (TCCA)₃ T

(Note also that the 13 allele has an atypical 3' flanking sequence (highlighted). The usual sequence is TCCA TCTA T.)

HUMTH01 sequences

FIG. 3B

13.3 (TCAT)₄ CAT (TCAT)₇ TCGT^{12th} TCATD8S1179 sequences

FIG. 3C

7 (TCTA)₈;19 (TCTA)₂ TCTG (TCTA)₁₆HUMFIBRA (FGA) Repeat Sequences

FIG. 3D

16.1 (TTTC)₃ TTTT TTCT (CTTT)₅ T (CTTT)₃ CTCC (TTCC)₂27 (TTTC)₃ TTTT TTCT (CTTT)₁₃ CCTT (CTTT)₅ CTCC (TTCC)₂30 (TTTC)₃ TTTT TTCT (CTTT)₁₆ CCTT (CTTT)₅ CTCC (TTCC)₂31.2 (TTTC)₄ TTTT TT (CTTT)₁₅ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄32.2 (TTTC)₄ TTTT TT (CTTT)₁₆ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄33.2 (TTTC)₄ TTTT TT (CTTT)₁₇ (CTTC)₃ (CTTT)₃ CTCC (TTCC)₄42.2 (TTTC)₄ TTTT TT (CTTT)₈ (CTGT)₄ (CTTT)₁₃ (CTTC)₄ (CTTT)₃
CTCC (TTCC)₄43.2 (TTTC)₄ TTTT TT (CTTT)₈ (CTGT)₅ (CTTT)₁₃ (CTTC)₄ (CTTT)₃
CTCC (TTCC)₄44.2 (TTTC)₄ TTTT TT (CTTT)₁₁ (CTGT)₃ (CTTT)₁₄ (CTTC)₃ (CTTT)₃
CTCC (TTCC)₄45.2 (TTTC)₄ TTTT TT (CTTT)₁₀ (CTGT)₅ (CTTT)₁₃ (CTTC)₄ (CTTT)₃
CTCC (TTCC)₄47.2 (TTTC)₄ TTTT TT (CTTT)₁₂ (CTGT)₅ (CTTT)₁₆ (CTTC)₃ (CTTT)₃
CTCC (TTCC)₄48.2 (TTTC)₄ TTTT TT (CTTT)₁₄ (CTGT)₃ (CTTT)₁₄ (CTTC)₄ (CTTT)₃
CTCC (TTCC)₄

D21S11 alleles

FIG. 3E

53 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA(TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₆ TCGTCT

54 (TCTA)₅ (TCTG)₆ (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₉ TCGTCT

56 (TCTA)₅ (TCTG)₆ (TCTA)₃ TCA (TCTA)₂ TCCATA (TCTA)₁₀ TCGTCT

57 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₈ TCGTCT

59 (TCTA)₅ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₉ TCGTCT

61 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₀ TCGTCT

63 (TCTA)₄ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₁ TCGTCT

65 (TCTA)₆ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₁ TCGTCT

67 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₂ TCGTCT

68 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₁ TA TCTA TCGTCT

70 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₂ TA TCTA TCGTCT

72 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₃ TA TCTA TCGTCT

74 (TCTA)₅ (TCTG)₆ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₄ TATCTA TCGTCT

75 (TCTA)₁₀ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₂ TCGTCT

77 (TCTA)₁₁ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₂ TCGTCT

79 (TCTA)₁₁ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₃ TCGTCT

81 (TCTA)₁₃ (TCTG)₅ (TCTA)₃ TA (TCTA)₃ TCA (TCTA)₂ TCCATA
(TCTA)₁₂ TCGTCT

D18S51 sequences

FIG. 3F

8 (AGAA)₈